RECEIVED CENTRAL FAX CENTER

AUG 0 3 2006

First Named Inventor: Anthony Newton Group Art Unit: Unknown Application Number: 10/521,417 Examiner: Unknown Filed: January 5, 2005 Title: TRANSMITTER AND RECEIVER GAIN CALIBRATION BY MEANS OF FEED-BACK IN A TRANSCEIVER Attention: Office of Petitions Assistant Commissioner for Patents Box DAC Washington, D.C. 20231 Note: If information or assistance is needed in completing this form, please contact Petitions Information at (703) 305-9282. The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the Office notice or action plus any extensions of time actually obtained. APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION NOTE: A grantable petition requires the following items: (1) Petition fee; (2) Reply and/or issue fee; (3) Terminal disclaimer with disclaimer fee—required for all utility and plant applications filed before June 8, 1995, and for all design applications; and (4) Adequate showing of the cause of unavoidable delay. 1. Petition fee Small entity – fee \$(37 CFR 1.17(1)). Applicant claims small entity status. See 37 CFR 1.27. X Other than small entity – fee \$(37 CFR 1.17(1)). Applicant claims small entity status. See 37 CFR 1.27. X Other than small entity – fee \$(37 CFR 1.17(1)). Applicant claims small entity status. See 37 CFR 1.27. The issue fee of \$	ABANDON	IED UNINTENTIONALL	Y UNDER 37 CFR 1	.137(b)	SC0978EG
Application Number: 10/521,417	First Named Inventor:	Anthony Newton	Group Art Unit:	Unknown	
Filed: January 5, 2005 Title: TRANSMITTER AND RECEIVER GAIN CALIBRATION BY MEANS OF FEED-BACK IN A TRANSCEIVER Attention: Office of Petitions Assistant Commissioner for Patents Box DAC Washington, D.C. 20231 Note: If information or assistance is needed in completing this form, please contact Petitions Information at (703) 305-9282. The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the Office notice or action plus any extensions of time actually obtained. APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION NOTE: A grantable petition requires the following items: (1) Petition fee; (2) Reply and/or issue fee; (3) Terminal disclaimer with disclaimer fee—required for all utility and plant applications filed before June 8, 1995, and for all design applications; and (4) Adequate showing of the cause of unavoidable delay. 1. Petition fee Small entity – fee \$	1	•			
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Attention: Office of Petitions Assistant Commissioner for Patents Box DAC Washington, D.C. 20231 Note: If information or assistance is needed in completing this form, please contact Petitions Information at (703) 305-9282. The above-identified application became abandoned for failure to file a timety and proper reply to a notice or action by the Untied States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the Office notice or action plus any extensions of time actually obtained. APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION NOTE: A grantable petition requires the following items: (1) Petition fee; (2) Reply and/or issue fee; (3) Terminal disclaimer with disclaimer fee—required for all utility and plant applications filed before June 8, 1995, and for all design applications; and (4) Adequate showing of the cause of unavoidable delay. 1. Petition fee Small entity – fee \$		•	/ER GAIN CALIBRATION B	Y MEANS OF FEEI	D-BACK IN A
Assistant Commissioner for Patents Box DAC Washington, D.C. 20231 Note: If information or assistance is needed in completing this form, please contact Petitions Information at (703) 305-9282. The above-identified application became abandoned for failure to file a timety and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the Office notice or action plus any extensions of time actually obtained. APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION NOTE: A grantable petition requires the following items: (1) Petition fee; (2) Reply and/or issue fee; (3) Terminal disclaimer with disclaimer fee—required for all utility and plant applications filed before June 8, 1995, and for all design applications; and (4) Adequate showing of the cause of unavoidable delay. 1. Petition fee Small entity – fee \$					
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Untied States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the Office notice or action plus any extensions of time actually obtained. APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION NOTE: A grantable petition requires the following items: (1) Petition fee; (2) Reply and/or issue fee; (3) Terminal disclaimer with disclaimer fee—required for all utility and plant applications filed before June 8, 1995, and for all design applications; and (4) Adequate showing of the cause of unavoidable delay. 1. Petition fee Small entity – fee \$					
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Small entity – fee \$ (37 CFR 1.17(I)). Applicant claims small entity status. See 37 CFR 1.27. X Other than small entity – fee \$ 1500 2. Reply and/or fee A. The reply and/or fee to the above-noted Office action in the form of Response to Notice of Missing Parts (identify type of reply) has been filed previously on x is enclosed herewith B. The issue fee of \$ has been paid previously on is enclosed herewith. Page 1 of 2	(1) (2) (3)	Petition fee; Reply and/or issue fee; Terminal disclaimer with disclaim before June 8, 1995, and for all d	er fee—required for all utility esign applications; and	and plant application	ons filed
X Other than small entity – fee \$ 1500 2. Reply and/or fee A. The reply and/or fee to the above-noted Office action in the form of Response to Notice of Missing Parts (identify type of reply) has been filed previously on	1. Petition fee				
2. Reply and/or fee A. The reply and/or fee to the above-noted Office action in the form of Response to Notice of Missing Parts (identify type of reply) has been filed previously on	Small ent	ity - fee \$ (37 CFR 1.	17(I)). Applicant claims smal	ll entity status. See	37 CFR 1.27.
2. Reply and/or fee A. The reply and/or fee to the above-noted Office action in the form of Response to Notice of Missing Parts (identify type of reply) has been filed previously on	X Other tha	n small entity – fee \$	1500		
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is enclosed herewith. Page 1 of 2 PTO/SR/64 (10.00)	A. The repl	y and/or fee to the above-noted C		*	780
is enclosed herewith. Page 1 of 2 PTO/SR/64 (10.00)	ha ha	s been filed previously on			9
PTO/SR/64 (10.00)	x is	enclosed herewith		•	1000
PTO/SR/64 (10.00)	B. The issu	e fee of \$			That oal o
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	1 10/06/04 (10-00)			88/17/2006 SBAS	SHEIR 00000006 503

01 FC:1453

	7
3. Terminal Disclaimer with disclaimer fee	
x Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.	
A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$ For a small entity or \$ For other than a small entity) disclaiming the required period of time is enclosed herewith (See PTO/SB/63)	
4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. [NOTE: The United States Patent and Trademark office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.1379b) was unintentional (MPEP 711.03(c)(iii)(C) and (D))]	
The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 503079	
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.	
Date	
(512) 996-6839 David G. Dolezal	
Telephone Number Typed or printed name	1 2%
Freescale Semiconductor, Inc.) \C.
Enclosures: X Fee Transmittal Reply Terminal Disclaimer Form Additional sheets containing statements establishing unintentional delay	RECEIVED TOO
CERTIFICATE OF MAILING OR TRANSMISSION (37 CFR 1.8(a))	4
I hereby certify that this correspondence is being: Deposited with the United States Postal Service on the date shown below with sufficient postage as first-class Mail in an envelope addressed to: Assistant Commissioner for Patents, Box DAC, Washington, D.C. 20231 Transmitted by facsimile on the data shown below to the United States Patent and Trademark office at (571) 273-8300. Deposited with the United States Postal Service on the date shown below with sufficient postage as Express Mail in an envelope addressed to: Assistant Commissioner for Patents, Box DAC, Washington, D.C. 20231: Express Mail Label No. Date Date Signature	
Stacie Herrera Typed or printed name of person signing certificate	

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FAX TRANSMITTAL SHEET

Freescale Semiconductor, Inc.

Law Department 7700 W. Parmer Lane MD: TX32/PL02 Austin, TX 78729

Telephone:

(512) 996-6839

Facsimile:

(512) 996-6854

Number of Pages (including this page)

Date:

August 3, 2006

To:

Office of Initial Patent Exam

Location:

United States Patent and Trademark Office

Fax No.:

(571) 273-8300

From:

David G. Dolezal - 41,711

Subject:

10/521,417 Newton et al

NOTICE: This facsimile transmission may contain information that is confidential, privileged, or exempt from disclosure under applicable law. It is intended only for the person to whom it is addressed. Unauthorized use, disclosure, copying or distribution may expose you to legal liability. If you have received this transmission in error, please immediately notify us by telephone (collect) to arrange for return of the documents received and any copies made. Thank you.

MESSAGE:

Enclosed herewith, please find a PETITION FOR REVIVAL for filing:

ALLUTE	MS MA	RKED WITH AN "X" ARE INCLUDED:
1.	×	1 page Facsimile Cover Sheet
2.	×	2 page petition for Revival of an Application for Patent
3.	×	1 page Fee Transmittal (in duplicate)
4.	×	2 page Response to Notice of Missing Parts
5.	х	2 page copy of Notice of Missing Parts
6.	×	3 page unexecuted copy of Oath and Declaration
7.	X	6 page Petition Under 37 CFR 1.47(b) with 12 pages of Exhibits
8.	×	1 page Statement Under 37 CFR 3.73(b)

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING FACSIMILE TRANSMITTED TO THE PATENT AND TRADEMARK OFFICE:

on: <u>8/3/06</u>

Signature

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AUG 0 3 2006-

2004/031

				Com	plete if	Known		
FEE	Application Nu	mber	10/52	1,417				
TRANSMITTAL	Filing Date		Janu	ary 5, 2	005			
Patent fees are subject to annual revision	First Named Inventor		Anthony Newton					
Applicant claims small entity status. See 37 CFR 1.27	Examiner Name		Shell	y J. Viç	jil			
	Group Art Unit		Unkn	own				
TOTAL AMOUNT OF PAYMENT (\$) 1630	Attorney Docke		SC09	78EG				
METHOD OF PAYMENT (check all that apply					CALC	CULATION	ON (continued)	
		3. ADD	TIONA					
Check Credit card Money Order Other	None	Larg	e	Sm				
X Deposit Account:		<u>Entil</u>		Ent				
Deposit Account Number 503079		Fee Code	Fee (\$)	Fee Code	Fee (\$)		Fee Description	
Deposit Account Name FREESCALE SEMICONDUCTOR	R. Inc.	~~	14/	~~~	197		- 22 Brownik Will	
The Director is authorized to: (check all that apply)	3	1051	130	2051	65	•	e - late filing fee or oath	130
X Charge fee(s) indicated below X Credit any or	erpayments	1052 1053	50 130	2052 1053	25 130	_	e – late Provisional filing lish specification	
X Charge any additional fee(s) during the pendency of this ap	plication	1812	2520	1812	2520		a request for ex parte	
Charge fees(s) indicated below, except for the filing fee to above-identified deposit account.	o the	1804	920*	1804	920"	Requestin Examine	g publication of SIR prior to r action	
acovernation of opposit accounts.		1805	1840°	1805	1840°	Examine		
FEE CALCULATION		1251 1252	110 420	2251 2252	55 210		n for reply within first month for reply within second month	+
		1253	950	2253	475		for reply within third month	
1. BASIC FILING FEE		1254	1480	2254	740		for reply within fourth month	
		1255	2010	2255	1005	Extensio	n for reply within sixth month	
Large Entity Small Entity		1401	330	2401	165 165	Notice of	Appeal ariel in support of an appeal	
Fee Fee Fee Fee Code (\$) Code (\$) Fe	ee Paid	1402 1403	330 290	2402 2403	145	Request Petition t	for oral hearing to institute a public use	
1001 770 2001 385 Utility (fling fee		1451 1452	1510 110	1451 2452	1510 55	proceedi Petition t	ng to revive unavoidable	\vdash
1001 770 2001 385 Utility filing fee 1002 340 2002 170 Design filing fee		1453	1500	2453	665	Petition I	to revive - unintentional	1500
1003 530 2003 265 Plant filing fee		1501	1330	2501	665	-	sue fee (or reissue)	
1004 780 2004 385 Reissue filing fee		1502	480	2502	240 320	Design is Plant iss		\vdash
1005 160 2005 80 Provisional filing fee		1503 1460	640 130	2503 1460	130		to the Commissioner	
SUBTOTAL (1) (\$)		1807	50	1807	50		ing fee under 37 CFR 1.17(q)	
2. EXTRA CLAIM FEES		1806	180	1806	180		sion of IDS	
Previously Extra Fee from Paid** Claims below	n Fee Paid	8021	40	8021	40		ng each patent assignment erty (times number of properties)	
Total Claims	=	1809	770	2809	385	Filing a s rejection	submission after final (37 CFR § 1.129(a))	
Multiple Dependent 280	-	1810	770	2810	385		n additional invention to be ad (37 CFR § 1.129(b))	
Large Entity Small Entity		1801	770	2801	385	Request (RCE	for Continued Examination	
Fee Fee Fee Fee Code (\$) Code (\$) Fee Descripti	on	1802	900	1802	900	Request	-/ t for expedited examination design application	
1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3		Other fee	(specify)			0180	TONISH OF PRINCIPLE	
1203 280 2203 140 Multiple dependent claim, if not paid								
1204 84 2204 42 * Reissue Independent claims ove 1205 18 2205 9 *Reissue claims in excess of 20 a								
patent							TOTAL (0) [(4) 4000	
SUBTOTAL (2) (\$) "or number previously paid, if greater, For Reissues, see above.		* Reduc	ed by B	asic Filing	Fee Pai		BTOTAL (3) (\$) 1630	
SUBMITTED BY						Comple	ete (if applicable)	
Name (Print/Type) David G. Dolezal	/	Registra	alion No.	41,7	11		Telephone (512)	996-6839
Signature 12 styl						Date	8/3/06	
			ŭ.				//	

Ø 006/031

AUG 0 3 2006

DOCKET NO.: SC0978EG

UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):

Anthony Newton

APPLICATION NO.:

10/521,417

FILED:

January 5, 2005

GROUP ART UNIT:

Unknown

TITLE:

TRANSMITTER AND RECEIVER GAIN CALIBRATION BY MEANS OF

FEED-BACK IN A TRANSCEIVER

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office.

Signature

Stacic Herrera

Printed Name of Person Signing Certificate

Mail Stop Missing Parts Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Attention:

Customer Service Center

Initial Patent Examination Division

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Sir:

Responsive to the Notice to File Missing Parts of Application dated July 1, 2005 please find enclosed:

\boxtimes	1	page Fee Transmittal form (in duplicate)
\boxtimes	3	page Declaration Combined with Power of Attorney
\boxtimes	2	page copy of Notice to File Missing Parts of Application
\boxtimes	5	page Petition with Exhibits 1-8

The Commissioner is hereby authorized to charge all fees due to Account No. 503079. A fee transmittal is enclosed.

SEND CORRESPONDENCE TO:

FREESCALE SEMICONDUCTOR, Inc.

Law Department

Customer Number: 23125

DAVID G. DOLEZAL

Attorney of Record Reg. No.: 41,711 Telephone: (51

Respectfully submitted,

(512) 996-6839

Fax No.:

(512) 996-6853



Parts due allos

UNITED STATES DEPARTMENT OF COMMERCI United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Doz. 1450 Akxadris, Yugasis 22313-1450 www.mustabars.

U.S. APPLICATION NUMBER NO.

FIRST NAMED APPLICANT

ATTY, DOCKET NO.

United States Patent and Trademark Office

Anthony Newton

SC0978EG

Ø1008/031

Received

QH

PCT/EP03/06753

Freescale Semiconductor Inc Law Deaprtment 7700 W Parmer Lane Mail Drop Pl02 Austin, TX 78729

10/521,417

,111' @ 7 2005

I.A. FILING DATE PRIORITY DATE 06/25/2003 07/05/2002

INTERNATIONAL APPLICATION NO.

Law Department

CONFIRMATION NO. 8967 371 FORMALITIES LETTER

OC000000016409718*

Date Mailed: 07/01/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/05/2005
- Copy of Annexes to the IPER filed on 01/05/2005
- Preliminary Amendments filed on 01/05/2005
- Information Disclosure Statements filed on 01/05/2005
- Request for Immediate Examination filed on 01/05/2005
- U.S. Basic National Fees filed on 01/05/2005
- Priority Documents filed on 01/05/2005

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

\$130 Late oath or declaration Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

SHELBY J VIGIL

Telephone: (703) 308-9140 EXT 224

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY, DOCKET NO.					
10/521.417	PCT/EP03/06753	SC0978EG					

FORM PCT/DO/EO/905 (371 Formalities Notice)

SC0978EG **Attorney Docket Number** Declaration Submitted after Declaration Submitted with Initial Filing (surcharge Initial Filing **Anthony Newton** (37 CFR 1.16(e)) required) First Named Inventor 10/521,417 **Application Number** January 5, 2005 **Filing Date** Unknown **Group Art Unit** Regular (Utility) Application Design application Unknown **Examiner Name** As a below named inventor, I hereby declare that: My residence, post office address, and citizenship are as stated below next to my name. I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled: TRANSMITTER AND RECEIVER GAIN CALIBRATION BY MEANS OF FEEDBACK IN A TRANSCEIVER the specification of which: was filed on: January 5, 2005 Ø is attached hereto 10/521,417 as U.S. Serial No.: and was amended on: (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified	Copy Attached?
PCT/EP2003/006753	РСТ	06/25/2003		☐ Yes	⊠ No
0215582.8	GB	07-05-2002		☐ Yes	⊠ No

SC0978EG

08/03/2006	THU	14:23	FAX	5129966854	Freescale	Semiconductor
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' 2 011/031

I hereby claim the benefit und. 19 35, United States Code § 119(e) of any United States pro

.nal application(s) listed below:

Provisional Application Serial No.:	
Provisional Application Filing Date:	

I hereby claim the priority benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as delined in Title 37, Code of Federal Regulations, Section 1.56(a) which is material to the patentability of this application and which occurred between the filling date of the prior application and the national or PCT international filling date of this application:

Prior U.S. Application(s):

no such application(s) filed such application(s) identified as follows:

Application No.	Filing Date (day, month, year)	Status (Patented, Pending, Abandoned)

I hereby declare that: as to any claimed subject matter of this application which is common to my earlier United States or foreign application(s), if any, which I have identified above and claimed the benefit of priority thereof, I do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the first of said earlier application(s), or in public use or on sale in the United States more than one year prior to the first of said earlier application(s), and that the said common subject matter has not been patented or made the subject of an inventor's certificate before the date of the first of said earlier U.S. application(s) in any country foreign to the United States on an application, filed by me or my legal representatives or assigns more than twelve months (six months if the present application is a Design patent application) prior to the first of said earlier U.S. application(s), if any; and that, as to any claimed subject matter of this application which is not common to said earlier application(s), if any, and that, as to any claimed subject matter of this application which is not common to said earlier application(s), if any, and that, as to any claimed subject matter of this application which is not common to said earlier application(s), if any, and that, as to any claimed subject matter of this application thereof or patented or described in any printed publication in any country before my invention thereof or patented or described in any printed publication in any country before my invention thereof or the date of this application, and that said subject matter has not been patented or made the subject of an inventor's certificate in any country foreign to the United States on an application prior to the date of this application is a Design patent application) prior to the date of this application.

I hereby appoint the attorney(s) or agent(s) associated with: 23125 to prosecute this application and transact all business in the patent and trademark office connected therewith.

Address all telephone calls to:

David G. Dolezal

Telephone:

512.996.6839

Facsimile:

512.996.6853

Address all correspondence to: Customer Number 23125

08/03/2006 THU 14:23 FAX 5129966854 Freescale Semiconductor
I hereby declare that all state. I made herein of my own knowledge are true and that all. I ments made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first-named or sol	e inventor Anthony New	ton
Inventor's signature		Date
Residence Le Vau	d	Switzerland
Ci		State or Foreign Country
Citizenship Switzerla		
	Country	
Post Office Address	CHEMIN DES JARDILS	
	Street Address	
Le Vaud	Switzerland	CH-1261
City	State or Country	Zip Code

Full name of sec	ond-named joint inventor	HEINZ LEHNING	
Inventor's signat	ure		Date
Residence	Tannay		Switzerland
7,00,00	City		State or Foreign Country
Citizenship	Switzerland		
	Country		
Post Office Addr	ess 3 Chemin Des		
		Street Address	
Tai	nnay	Switzerland	CH-1295
	City	State or Country	Zip Code

DOCKET NO.: SC0978EG

UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):

Anthony Newton

APPLICATION NO.:

10/521,417

FILED:

January 5, 2005

GROUP ART UNIT:

Unknown

TITLE:

TRANSMITTER AND RECEIVER GAIN CALIBRATION BY MEANS

OF FEED-BACK IN A TRANSCEIVER

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office.

Signature

Stacie Herrera

Printed Name of Person Signing Certificate

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

PETITION UNDER 37 CFR 1.47(b)

Sir:

In accordance with 37 C.F.R. §1.47(b), Freescale Semiconductor, Inc. hereby submits this Petition for authorization to file and prosecute the above identified patent application on behalf of and as agent for both inventors, Anthony Newton and Heinz Lehning, who have apparently refused to execute the application papers.

This petition includes proof of the pertinent facts, the fee set forth in §1.17(h), and the last known address of the inventors.

This US Application was filed claiming priority from a PCT Application (Application No. PCT/EP2003/006753, filed on June 25, 2003) and Great Britain Application (Application No. 0215582.8, filed on July 5, 2002).

This petition alleges that <u>Anthony Newton</u> and <u>Heinz Lehning</u> were not employed with Freescale Semiconductor, Inc. at the time of filing the US application.

This petition also alleges that Motorola, Inc. assigned its right to this patent application to Freescale Semiconductor, Inc.

This petition includes proof of the pertinent facts, the fee set forth in § 1.17 (h), and the last known address of both inventors. Applicant respectfully requests the granting of this petition in the above-referenced application.

This petition accompanies the oath and declaration in this application, which is submitted concurrently herewith.

1. Oath required by 37 C.F.R. §1.63 and 1.64

Freescale Semiconductor, Inc. is the 37 C.F.R. §1.47(b) applicant of the present application. A Declaration signed by Robert L. King, Senior IP Counsel, who is authorized to sign on behalf of Freescale Semiconductor, Inc., accompanies this petition.

2. 37 C.F.R. 1.47(b) Applicants relationship to inventor

Motorola, Inc. is the former employer of the inventors Anthony Newton and Heinz Lehning. Motorola, Inc. assigned its rights to this patent application to Freescale Semiconductor, Inc.

3. The full name and last known address of the inventors are as shown below.

Anthony David Newton Les Jordils Le Vaud, 1261 CH Switzerland

Heinz Lehning
3 Chemin Des Grandes Pres
Tannay, 1295 CH
Switzerland

4. Inventors refusal to sign application papers

Inventors Anthony Newton and Heinz Lehning have apparently refused to sign the application papers. Proof of such, along with Applicant Freescale Semiconductor, Inc.'s proprietary interest is set forth below in the Statement of Facts.

5. Total Fee Due and Fee Payment

Per the Fee Transmittal form that accompanies the application, which is filed simultaneously herewith, charge deposit account No. 503079 of Freescale Semiconductor, Inc.

6. Fee Deficiency

If any additional fee is required in connection with this communication, authorization is hereby given to Commissioner of Patent to charge deposit account No. 503079.

STATEMENT OF THE PERTINENT FACTS

- 1. On April 12, 2005, Freescale Semiconductor, Inc.'s foreign agent, Impetus IP, Ltd. forwarded to Anthony Newton at the address set forth on the previous page, via TNT International, a hardcopy of the application, assignment and agreement, and declaration for his signature. Such documents were received by Anthony Newton on April 13, 2005. (See Exhibit 1 and Exhibit 3)
- 2. On April 12, 2005, Freescale Semiconductor, Inc.'s foreign agent, Impetus IP, Ltd. forwarded to Heinz Lehning at the address set forth on the previous page, via TNT International, a hardcopy of the application, assignment and agreement, and declaration for his signature. Such documents were received by Heinz Lehning on April 13, 2005. (See Exhibit 2 and Exhibit 3)
- 3. On September 1, 2005, Isabelle Barbe, an employee of EMEA Freescale Semiconductor, Inc., forwarded to Anthony Newton via email, a softcopy of the application, assignment and agreement, and declaration for their signature. (See Exhibit 4)
- 4. On June 18, 2003, Anthony Newton signed the Power of Attorney to Attorneys for Motorola, European Intellectual Property Operations for the PCT Application No. PCT/EP2003/006753, filed on June 25, 2003. (See Exhibit 5)
- 5. On June 11, 2003, Heinz Lehning signed the Power of Attorney to Attorneys for Motorola, European Intellectual Property Operations for the PCT Application No. PCT/EP2003/006753, filed on June 25, 2003. (See Exhibit 6)
- 6. Motorola, Inc. assigned its right to the Application to Freescale Semiconductor, Inc. effective as of April 4, 2004. (See Exhibit 7)
- 7. On January 5, 2005, the above identified patent application was filed with the USPTO, with an unsigned oath and declaration, naming as joint inventors: (1) Anthony Newton and (2) Heinz Lehning.
- 8. As of today, August 3, 2006, the undersigned, Impetus IP, Ltd., or EMEA Freescale Semiconductor, Inc. has not received any signed declaration document for S/N 10/521,417 (SC0978EG) from either Anthony Newton or Heinz Lehning.

REMARKS

From the statement of the pertinent facts above and the attached exhibits, it is submitted that over a period of time from April 2005 to September 2005, the undersigned through Impetus IP, Ltd., or EMEA Freescale Semiconductor, Inc., has provided to Anthony Newton and Heinz Lehning copies of the patent application and declaration document in the instant application. Anthony Newton and Heinz Lehning have received the patent application and declaration document, and neither Mr. Newton, nor Mr. Lehning have provided their signatures on the declaration document in the instant application. Accordingly, it is respectfully submitted that Mr. Anthony Newton and Mr. Heinz Lehning have apparently refused to join in this application for patent.

In accordance with Swiss Civil Law, below is a translated portion provided by the World Intellectual Property Organization's (WIPO) website, since Anthony Newton and Heinz Lehning were employees of Motorola, Inc. at the time the PCT application was filed, Motorola, Inc. was entitled to the ownership of the invention. Motorola, Inc. transferred it's rights to the patent application to Freescale Semiconductor, Inc. (See Exhibit 8). Freescale Semiconductor, Inc. is therefore the rightful owner of Anthony Newton and Heinz Lehning's invention.

Federal Law supplementing the Swiss Civil Law Code, Art 332 of March 30, 1911

Notification states:

"Art. 332: The employer's right to inventions made by an employee in the performance of his duties."

"Art. 332a: The employer's right to designs, whether eligible for protection or not, created by an employee in the performance of his duties."

"Art. 332 and Art. 333(a) (repealed) (adopted on 5 October 2002): The new Law on Designs has eliminated the regulation under Art. 332(a) of the Code of Obligations (CO); Art. 332 thereof now establishes the same regulation for both invention and design rights."

http://www.wipo.int/clea/en/fiche.jsp?uid=ch037

In order to preserve its rights in the invention, Freescale Semiconductor, Inc. respectfully request that Freescale Semiconductor, Inc. be allowed to prosecute said application.

An early formal notice of the granting of this petition is respectfully requested.

Respectfully submitted,

SEND CORRESPONDENCE TO:

FREESCALE SEMICONDUCTOR, Inc.

Law Department

Customer Number: 23125

DAVID G. DOLEZAL

Attorney of Record Reg. No.: 41,711

Telephone:

(512) 996-6839

Fax No.:

(512) 996-6853

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Exhibit 1

سة ورث مسالة في



COPY

IMPETUS IP LTD
GROVE HOUSE
LUYTONS CLOSE
BASINGSTOKE, HAMPSHIRE
RG24 8AG
UNITED KINGDOM

For Involce enquiry please call: 08457 646564 For Service / Delivery enquiry please call: 08705 446655 TNT International P.O. Box 186 Remsbottom Bury BLO 9GR

Telephone: 08457 646564 Fax: 08457 646565 VAT Reg. No GB 3547150 57

Bankers:

National Westminster Pic 24 Deanegate Botton BL1 1BN Bank Sort Code 01 30 99 Account No. 23908394

INVOICE	
Invoice No. 04668625	Client No. 001014067
Invoice date 15-04-05	Due date 22-04-05
VAT Reg. No. GB642325950000	Page 1 OF 1

CONNOTE SPECIFICATION	WEIGHT	AMOUNT CHARGE V
-316671891 GLOBAL EXPRESS (D 12-04-05 EXPORT S TO:ANTHONY NEW LES JORDILS LE VAUD,126	TON	15.95
316672101 GLOBAL EXPRESS (D 12-04-05 REF:AHG 375616 EXPORT S TO:HEINELEHNE	NG.	15.95
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Exhibit 3

Net Non-Vatable 31.90 Net Vatable VAT et 17.5% GBP Total amount 31.90

A-ACTUAL WEIGHT I-ITEMS S-SENDER PAYS

Registered Office: TNT UK Ltd. PO Box 99, Rullway Street, Remsbottom, Bury, Lancashira, BLO 9AL Registration Number 1620530

Herrera Stacie-R00135

From:

Barbe Isabelle-ibar01

Sent:

Thursday, September 01, 2005 11:02 AM

To:

'tonynewton@bluewin.ch'; 'glnewton@tm.net.my'

Cc:

'Susan Grant'; 'Gail Tanner (gail.tanner@impetus-online.co.uk)'; Herrera Stacie-R00135;

Wharmby Martin-AMW025

Subject:

SC0978EG US Assignment and Declaration

Importance: High

Attachments: SC0978EG US DECLARATION.doc; SC0978EG US ASSIGNMENT1.doc

Mr Newton,

Could you please print and sign the attache Oath and Assignement for the US filing of the patent SC0978EG with the title "METHOD AND APPARTUS FOR GAIN CALIBRATION" ? USPTO requires your signature on those documents, only yours is missing.

We need these documents signed by you (and 2 witnesses of your choice for the Assignement) before 20th September 2005 by express mail (UPS, DHL...)

For any question please contact me,

Regards

Isabelle Barbé

EMEA Law Department's assistant

FREESCALE Semiconducteurs France SAS 134 avenue du Général Eisenhower BP 72329 31023 Toulouse Cedex 1 France

Tél: +33 5 61 19 17 43 Fax: +33 5 61 41 58 42

mail to : isabelle.barbe@freescale.com

O General Business Information O Freescale Internal Use Only

Freescale Confidential Proprietary

Exhibit 4

1/23/2006

PCT

POWER OF ATTORNEY

.:	(for an international application filed under the Patent Cooperation Treaty)
	(PCT Rule 90.4)
:	The undersigned applicant(s) (Names should be indicated as they appear in the request):
:	hereby appoints (appoint) the following person as: X agent common representative
	Name and address (family name followed by given name, for a legal entity, full official designation. The address must include postal code and name of country.)
	GIBSON, Sarah / WHARMBY, Martin /HARRISON, Christopher LITCHFIELD, Laura/McCORMACK, Derek/STASIEWSKI, Piotr Motorola, European Intellectual Property Operations Midpoint, Alencon Link Basingstoke Hampshire, RG21 7PL United Kingdom
:	to represent the undersigned before X all the competent International Authorities the International Searching Authority only the International Preliminary Examining Authority only
	in connection with the international application identified below:
	Title of the invention: A Method And Apparatus For Gain Calibration
	Applicant's or agent's file reference: SC0978EG/PCT
· .	International application number (if already available):
	filed with the following Office <u>European Patent Office</u> as receiving Office and to make or receive payments on behalf of the undersigned.
	Signature of the applicant(s) (where there are several applicants, each of them must sign next to each signature indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power)
: .	O.D. Newton, Anthony Dated
	LEHNING, Heinz Dated

only

PCT POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

	(PC) K	BIC 90.4	,				
	The undersigned applicant(s) (Names should be ind	icated as	they	appear i	n the request):	
	hereby appoints (appoint) the following person as:		X	agent	co	mmon represe	entative
	Name and address (family name followed by given name, for a legal entity, ful name of country.)	ll official (design	ation. Th	e address mus	t include postal	code and
	GIBSON, Sarah / WHARMB LITCHFIELD, Laura/McCO Motorola, Buropean Intellectu Midpoint, Alencon Link Basingstoke Hampshire, RG21 7PL United Kingdom	RMAC.	K, D	erek/S7	[ASIEWS]	stopher KL, Piotr	
	to represent the undersigned before	x	the I	nternatio	nal Searchin	ional Authorit g Authority or ary Examining	ปy
•	in connection with the international application identi	ified belo	av;				
	Title of the invention: A Method And	Apparat	us Fo	r Gain (Calibration		
	Applicant's or agent's file reference: SC09	78EG/PC	T				
	International application number (if already	available	;):				
	filed with the following Office European Pate or receive payments on behalf of the undersigned.	ent Offic	<u>e</u>		as rece	iving Office a	nd to make
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	NEWTON, Anthony LEHNING, Heinz		- - -		ted June ted	. 11, 2	003

PATENT ASSIGNMENT

This Patent Assignment is between Motorola, Inc. ("Assignor") and Freescale Semiconductor, Inc. ("Assignee"). Capitalized terms used in this Patent Assignment have the ame meanings given to them in the Agreement.

- 1. For good and valuable consideration, receipt of which the Assignor acknowledges, and by signing and delivering this instrument, the Assignor sells, assigns, transfers, conveys, and delivers to the Assignee all of the Assignor's right, title, and interest in and to:
 - (a) the patents, patent applications and invention disclosures specifically listed in Schedule 1 to this Patent Assignment; and
 - (b) the following properties and rights with respect to all patents and patent applications so listed in Schedule 1:
 - (i) the inventions claimed or described in the patents or applications,

any patents in the United States and anywhere else in the world and patent applications that have been or may be granted or filed, respectively, with respect to those inventions, including without limitation all foreign patents that may claim priority based on and correspond to the patents listed in Schedule 1,

all divisions, renewals, reissues, continuations, extensions, and (if filed by or for Assignee) continuations-in-part of the foregoing patents,

all income, royalties, damages, and payments due or payable to the Assignor with respect to the patents, including without limitation unpaid damages and payments for past, present, and future infringements of any patent and

all rights to sue and recover damages and payments for past, present, and future infringements of any of the patents, including the right to fully and entirely replace the Assignor in all related matters.

- 2. The foregoing rights in and under the patents shall apply to the full end of their terms as fully as the Assignor would have held the same in the absence of this assignment. As of the date set forth below, the Assignee has succeeded to all right, title, and standing of the Assignor to (a) receive all rights and benefits pertaining to the patents described above, and (b) commence, prosecute, defend and settle all claims and take all actions that the Assignee, in its sole discretion, may elect in relation to the patents and rights described above.
- This Patent Assignment (a) is irrevocable and effective upon the Assignor's signature to and delivery of a manually signed copy of this instrument or facsimile or email

transmission of the signature to this instrument in connection with the execution of the Agreement, if and only if the such execution occurs, (b) benefits and binds the parties to the Agreement and their respective successors and assignees.

The undersigned has signed this Patent Assignment effective as of April 4, 2004.

WITNESS my hand and official seal this 10-thday of December, 2004

My Commission Expires:

OFFICIAL SEAL
GABRIELLE RICHARDS
NOTARY PUBLIC, STATE OF ILLINONS
MY COMMISSION EXPERES OF 105 AUG.

CARAIDIT DIALL

Printed Name of Notary Public

INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

EXHIBIT A - LISTING OF PRINCIPAL ASSIGNED INTELLECTUAL PROPERTY

SCHEDULE 1: ASSIGNED PATENTS

A. Assigned SPS Patents

Status Description Granted

USA	USA	USA	NSA	USA	USA	USA	USA	NSA	Country Code
CM00216FI	CM00153F	CM00120E	CE30085P	CE30084P	BW00031	AP5036ES	AP01288	AP01203	Docket Number
5120678	4997812	4639631	5781566	5784427	6301306	6697956	5386341	5173836	Patent Number
06/09/92	03/05/91	01/27/87	07/14/98	07/21/98	10/09/01	02/24/04	01/31/95	12/22/92	Grant Date
ELECTRICAL COMPONENT PACKAGE COMPRISING POLYMER-REINFORCED SOLDER BUMP INTERCONNECTIONS	SUPERCONDUCTING THICK FILM	ELECTROSTATICALLY SEALED PIEZOELECTRIC DEVICE	CYCLIC REDUNDANCY CODER	FEEDBACK AND SHIFT UNIT	METHOD AND APPARTUS FOR GENERATING A SHORT-RANGE WIRELESS DATA COMMUNICATION LINK	METHOD AND APPARATUS FOR PHRASE SYNCHRONIZING A PLURALITY OF MICROCONTROLLERS OF A DISTRIBUTED MICROCONTROLLER NETWORK IN A BRAKE-BY-WIRE AUTOMOBILE BRAKING SYSTEM	SEMICONDUCTOR CARRIER ASSEMBLY	A HERMETICALLY SEALED INTERFACE	Tide

EXHIBIT A -SCHEDULE 1

PCT	PCT	· PCT	PCT .	PCT	РСТ	PCT	PCT	РСТ	PCT	PCT	PCT
SC0982EM	SC0981ET	SC0979EK	SC0978EG	SC0975EC	SC0973EI	SC0965EG	SC0956EI	SC0952EM	SC0945ET	SC0940EC	SC0933ET
PCT/EP02/12276	PCT/EP03/01367	PCT/EP02/12821	PCT/EP03/08753	PCT/EP02/13199	PCT/EP03/00522	PCT/EP03/03437	PCT/EP03/02222	PCT/EP02/08261	PCT/EP03/01165	PCT/EP02/13195	PCT/EP02/10998
11/01/02	02/12/03	11/11/02	06/25/03	11/25/02	01/20/03	04/02/03	03/03/03	07/24/02	02/06/03	11/25/02	10/01/02
COMMUNICATION NETWORK AND ARRANGEMENT FOR USE THEREIN	LOW DROP-OUT VOLTAGE REGULATOR	INFORMATION COMMUNICATION CONTROLLER INTERFACE APPARATUS AND METHOD.	A METHOD AND APPARATUS FOR GAIN CALIBRATION.	PLL ARRANGEMENT CHARGE PUMP METHOD AND MOBILE TRANSCEIVER	CHANNEL ESTIMATION IN A RADIO RECEIVER	APPARATUS AND METHOD FOR SCHEDULING TASKS IN A COMMUNICATIONS NETWORK	INSTRUCTION CACHE AND METHOD FOR REDUCING MEMORY CONFLICTS	CLOCK SYNCHRONIZATION IN A DISTRIBUTED SYSTEM	MAGNETIC NANOMATERIALS AND SYNTHESIS METHOD	APPARATUS AND METHOD FOR DIGITAL CONTROL SYSTEMS	AUTOMATIC SCAN-BASED TESTING OF COMPLEX INTEGRATED CIRCUITS.

509

Ехнівіт A -Schedule l

GBRI	GBRI	· GBRI	GBRI	GBRI	GBRI	GBRI	GBRI	GBRI	GBRI	GBRI
SC12401EM	SC12331ER	SC12328EC	SC12303EM	SC11433TH	SC0983EM	SC09814C	SC0979EK	SC0978EG	SC0977EI	SC09767T
318256.5	229878.4	314202.3	224627	324805.1	206732	97116850.5	204044.2	215582.8	222686.8	97109105.3
08/05/03	12/20/02	06/18/03	10/23/02	05/15/02	03/22/02	09/29/97	02/20/02	07/05/02	10/01/02	06/05/97
ARRANGEMENT AND METHOD FOR CONNECTING A PROCESSING NODE IN A DISTRIBUTED SYSTEM	CIRCUIT AND METHOD FOR SUPPLYING AN ELECTRICAL AC LOAD	METHOD AND ARRANGEMENT FOR I-Q BALANCING AND RADIO RECEIVER INCORPORATING SAME	ARRANGEMENT SYSTEM AND METHOD FOR VECTOR PERMUTATION IN SINGLE-INSTRUCTION MULTIPLE-DATA MICROPROCESSORS.	SYSTEM AND METHOD FOR CONTROLLING BUS ARBITRATION DURING CACHE MEMORY BURST CYCLES	SELF-ROUTING STAR-COUPLER-BASED COMMUNICATION NETWORK	METHOD FOR TRANSMITTING SIGNAL S BETWEEN A MICROPORCESSOR AND AN INTERFACE	INFORMATION COMMUNICATION CONTROLLER INTERFACE APPARATUS AND METHOD.	A METHOD AND APPARATUS FOR GAIN CALIBRATION.	MODULE SYSTEM AND METHOD FOR TESTING A PHASE LOCKED LOOP	RESONATOR

622

EXHIBIT A -SCHEDULE I

MOTORQLA CONFIDENTIAL PROPRIETARY (upon cor 'etion) mittee Use ONLY: For Patent C SPM/99 DISCLOSURE No: SC Date submitted: European Intellectual Property Section Date of Committee: JAN 2002 Motorola Law Department DISCLOSURE FOR PATENT COMMITTEE Decision FILE Submitted pursuant to employment agreement. For instructions refer to Patent Template or IP Section, Law Dept. Inventors must complete items 1 to 9 Items 2 to 4 will require additional sheets. PART I - TECHNICAL INFORMATION HiperLAN2 Transmitter and Receiver Gain Calibration Title of the Invention: Hiperlan2, OFDM, Gain Stability, Wireless LAN Add Useful Key Words (If Possible): What was the problem(s) to be solved by the invention or what was the need(s) for the invention: HiperLAN2 transmitter and receiver gains have to be precise because of TPC function, see attachment. What is the closest known technology, and why doesnit it resolve the problem(s) or fulfill the need(s): Normal mobile phone approach not applicable, HiperLAN2 needs absolute precision, see attachment. How does this invention resolve the problem(s) or fulfill the need(s) in a new way (Include labelled drawings, flow charts or block diagrams to help explain the invention): PART II - USE 5. Conception Date: 12. 10. 00 (DD.MM.YY) ESSENTIAL FOR THE PATENT DEPARTMENT Q3/2002 Expected date of first offer for sale made for a product incorporating this invention: Expected date of first disclosure made outside Motorola without a nondisclosure agreement WIRELESS LANS Product(s) this invention may be used in: PART HI - INVENTORS DETAILS (YOU MUST USE YOUR FULL FIRST, MIDDLE AND LAST NAMES.) GB 21.08. <u>01</u> 9a. Anthony David NEWTON Citizen Date Inventor's full name (Surname in CAPITALS) Signature 1261 SWITZERLAND 1261 LE VAUD, VAUD Post Code LES JORDILS Country Employee Status: Home Address, (Permanent) X **GENEVA** SPS/WBSG (Contractor) Location Sector and Group Commerce ID Phone (ext.) Tony.Newton@motorola.com GERMANY 21.08.01 9b. Heinz LEHNING Citizenship Date Inventor's full name (Surname in CAPITALS) 1295 SWITZERLAND CHEMIN DES GRANDS PRES 3 1295 TANNAY, VAUD Post Code Country Employee Status: Home Address, (Permanent) X **GENEVA** 263 00 302 (Contractor) Sector and Group Commerce ID Phone (ext.) Heinz.Lehning@motorola.com Dept. No PART IV - APPROVALS 10. Technical Staff or Patent Liaison

Exhibit 8

Phone:

Phone:

Date:

Date:

Signature:_

Signature:_

Is there management commitment to use this invention:

Name:_

Name:

11. Management

1.4

PTO/SB/96 (12-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b) Applicant/Patent Owner: Anthony Newton et al Filed/Issue Date: January 5, 2005 Application No./Patent No./Control No.: 10/521,417 TRANSMITTER AND RECEIVER GAIN CALIBRATION BY MEANS OF FEED-BACK IN A TRANSCEIVER Entitled: a Corporation Freescale Semiconductor, Inc. (Type of Assignee: corporation, partnership, university, government agency, etc.) (Name of Assignee) states that it is: 1. The assignee of the entire right, title, and interest; or 2. an assignee of less than the entire right, title and interest (The extent (by percentage) of its ownership interest is %) in the patent application/patent identified above by virtue of either: A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded In the United States Patent and Trademark Office at Reel ______, Frame _____, or a true copy of the orlginal assignment is attached. OR B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows: <u>yia employment status</u> via employment status 2. From: Heinz Lehning To: Motorola, Inc. <u>see Exhibit 7 of </u>Pe**t**ition 3 From: Additional documents in the chain of title are listed on a supplemental sheet. As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.081 The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee Signature 512-996-6839 Robert L. King Telephone Number Printed or Typed Name Senior Patent Counsel Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chlef Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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